

Course Syllabus
MUSC 1427
Audio Engineering I
Sound Technology Program
Creative Arts Department
Technical Education Division
Levelland Campus
South Plains College
Fall 2018

Course Title: Audio Engineering I

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Office Hours: As posted

I. General Course Information:

- A. **Course Description:** Overview of the recording studio. Includes basic studio electronics and acoustic principles, waveform properties, microphone concepts and placement techniques, studio set up and signal flow, console theory, signal processing concepts, multi-track principles and operation, and an overview of mixing and editing.
- B. **End-of-Course Outcomes:** Identify acoustic and electronic concepts; describe waveform properties; explain microphone characteristics and placement; describe studio set-up and signal routing; explain console and recording operation techniques; and identify basic recording studio procedures.
- C. **Course Competencies:** Upon successful completion of this course, each student will:
- Route signals through audio interfaces to the computer utilizing proper procedures.
 - Operate Pro Tools LE, utilizing recording and editing procedures.
 - Properly select, place, and route microphones and headphones for recording.
 - Possess operating knowledge of equipment, operating theory, and session procedures.
 - Demonstrate mastery of course content through written and practical exams.
- D. **Academic Integrity:** It is the aim of the faculty of South Plains College to foster a spirit of complete honesty and a high standard of integrity. The attempt of any student to present as his or her own work which he or she has not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offender liable to serious consequences, possibly suspension. Students should refer to the SPC General Catalog, regarding consequences for cheating and plagiarism (see "Academic Integrity" as well as "Student Conduct" sections).
- E. **SCANS:** This course is designed to meet the following SCANS and Foundation Skills criteria: SCANS# 1, 3, 4, 5, 6, 7, 12, 13, 14, 15, 18, 19, and 20. Foundation Skills 1, 2, 5, 6, 11, 14, 15, 16, and 17. A complete list of SCANS competencies and Foundation skills is located on the last of this syllabus.
- F. **Verification of Workplace Competencies:** This course is a fundamental building block for the student to move toward a capstone experience. **All students who wish to further their learning in sound technology with advanced classes must receive a course average of a C or better to advance.**

II. Specific Course/Instructor Requirements:

A. Materials Required:

Textbook:

ProTools 101 Pro Tools Fundamentals I v12.8, Frank D. Cook.

Modern Recording Techniques, 9th Edition, Huber and Runstein

pens/ pencils

computer with internet and printing capabilities

- B. **Attendance Policy:** Attendance is a major component of the Daily Grade. Roll will be taken at the beginning of class. **Any student who is late on a test day will not be allowed to take the test after it has been passed out to the class.** Any student not present when roll is taken will be counted absent. Students who come in after roll is taken can request that the absence be changed to a late penalty **after the class is over.** Two late penalties count as one absence. Three unexcused absences are permitted without penalty. Every absence above 3 will result in a 1/2 letter grade reduction in your final grade. Four consecutive absences will result in the student being dropped from class. It is the student's responsibility to drop classes they no longer wish to attend. In order to prevent a grade of "F" from appearing on his/her transcript, the student should formally withdraw from the class. **Assignments and tests missed can only be made up if arrangements are made with the instructor PRIOR to the absence. Call or e-mail the instructor in advance if you are not going to be able to attend.** Departmental seminars are occasionally scheduled during class times and attendance to these seminars is mandatory and beneficial to each student.
- C. **Assignment Policy:** Homework and other assignments are given in class a minimum of 1 week in advance. It is essential that each student do any assigned readings before the next class meeting. Homework assignments and projects that pertain to the readings and to the class topics will be handed out in class. Due dates and instructions for submitting each assignment will be clearly stated on the assignment. **Assignments turned in to the instructor improperly, after due dates, or after taken up in class will not be accepted.** Tests will consist of material covered in class, lectures, and demonstrations. Daily grades may include attendance, class participation, quizzes, etc. and can not be made up when absent. Quizzes may be announced or unannounced at the instructor's discretion.
- D. **Class Room Behavior:** Disruptive, disrespectful behavior toward students or the instructor will not be tolerated and will result in disciplinary measures. It is important that all students maintain professional attitudes and actions at all times. Cell phones, ipods, and other electronic devices must be silenced or off before class begins and may be taken up if deemed necessary by the instructor. Failure to comply with any classroom policy may result in student removal from class.
- E. **Professionalism:** It is the goal of the Sound Technology program of South Plains College to teach technology and ethical behaviors required for longevity in the entertainment industry. Each student will be assessed and assigned a professionalism rating dependent on **RESPONSIBILITY, ATTITUDE, and ACADEMIA.** Certain privileges and restrictions will be dependent on each student's professionalism rating.
- F. **Grading Policy/Procedure:**
Tests: 33.3%
Projects: 33.3%
Daily Grades: 33.3%

Grading Scale:**90 – 100% = A****80 – 89.9% = B****70 – 79.9% = C****60 – 69.9% = D****59.9 and Below = F****III. Accommodations**

South Plains College strives to accommodate the individual needs of all students in order to enhance their opportunities for success in the context of a comprehensive community college setting. It is the policy of South Plains College to offer all educational and employment opportunities without regard to race, color, national origin, religion, gender, disability or age (SPC Equal Opportunity Policy--General Catalog).

In this class, the teacher will establish and support an environment that values and nurtures individual and group differences and encourages engagement and interaction. Understanding and respecting multiple experiences and perspectives will serve to challenge and stimulate all of us to learn about others, about the larger world and about ourselves. By promoting diversity and intellectual exchange, we will not only mirror society as it is, but also model society as it should and can be.

Students with disabilities, including but not limited to physical, psychiatric, or learning disabilities, who wish to request accommodations in this class should notify the Disability Services Office early in the semester so that the appropriate arrangements may be made. In accordance with federal law, a student requesting accommodations must provide acceptable documentation of his/her disability to the Disability Services Office. For more information, call or visit the Disability Services Office at Levelland Student Health & Wellness Center 806-716-2577, Reese Center (also covers ATC) Building 8: 806-716-4675, Plainview Center Main Office: 806-716-4302 or 806-296-9611, or the Health and Wellness main number at 806-716-2529.

Title IX Pregnancy Accommodations Statement

If you are pregnant, or have given birth within six months, Under Title IX you have a right to reasonable accommodations to help continue your education. To activate accommodations you must submit a Title IX pregnancy accommodations request, along with specific medical documentation, to the Director of Health and Wellness. Once approved, notification will be sent to the student and instructors. It is the student's responsibility to work with the instructor to arrange accommodations. Contact Chris Straface, Director of Health and Wellness at 806-716-2362 or email cstraface@southplainscollege.edu for assistance.

Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in South Plains College buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and South Plains College policy, license holders may not carry a concealed handgun in restricted locations. For a list of locations and Frequently Asked Questions, please refer to the Campus Carry page at:

<http://www.southplainscollege.edu/campuscarry.php>

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all South Plains College campuses. Report violations to the College Police Department at 806-716-2396 or 9-1-1.

IV. SCANS COMPETENCIES

- Time Management: completion of reports and assignments by deadlines.
- Working with Others: interfacing between classmates in the production of recording projects.
- Study/Evaluation Skills: demonstrating critical thinking
- Organizing and Maintaining Information: note taking
- Interpreting and Communicating Information: communicating with classmates in high-stress recording sessions.
- Making Decisions: choosing and applying the appropriate effects.
- Developing a Sense of Cultural Diversity: working with artists in the studio.
- Understanding of Social, Organizational, and Technological Systems: understanding signal flow.
- Improving or Designing Systems: studying electronics signal flow.
- Selecting the Appropriate Technology: choosing the proper microphone for the instrument/vocal, choosing the appropriate effects units.
- Maintaining and Troubleshooting Technology: receiving hands-on experience in the proper use, handling, and maintenance of audio equipment.